

IN THE CLAIMS

Claims 68 – 77, 82 – 85, and 88 - 93 are pending in the application. By this amendment claims 68 - 73, 76, 82 – 85, and 88 - 93 are amended.

1 - 67. (cancelled)

68. (currently amended) A multi-component container for a nuclear reactor pressure vessel head with attached control rod drive mechanisms, comprising:

a bottom component configured to attach ~~adapted for attachment~~ to a head-to-body joint flange of a nuclear reactor pressure vessel head and to contain ~~for containment of~~ at least a portion of an inner surface of the pressure vessel head; and

at least one cylindrical component configured to attach ~~for attachment~~ to the pressure vessel head and to contain ~~for containment of~~ at least one control rod drive mechanism attached to the pressure vessel head.

69. (currently amended) The container of claim 68, comprising a top component configured to attach ~~adapted for attachment~~ to the at least one cylindrical section.

70. (currently amended) The container of claim 68, wherein at least two of the components comprise flanges configured to attach ~~adapted for attaching~~ the components to each other.

71. (currently amended) The container of claim 70, wherein the flanges are configured to attach ~~adapted for providing a seal between~~ the flanges when the components are attached.

72. (currently amended) The container of claim 71, wherein the flanges are configured to attach ~~adapted for attaching~~ a first cylindrical component to a second cylindrical component.

73. (currently amended) The container of claim 71, wherein the flanges are configured to attach ~~adapted for attaching~~ a cylindrical component to at least one of the bottom component and a top component.

74. (original) The container of claim 71, wherein the seal comprises a gasket.

75. (original) The container of claim 71, wherein the seal comprises at least one of neoprene, rubber, nylon, butyl-N, and Teflon.

76. (currently amended) The container of claim 68, wherein at least one of the components comprises a flange configured to absorb ~~adapted for absorbing~~ shocks.

77. (original) The container of claim 68, wherein at least one of top component and the bottom component are circular when the container is assembled.

78 - 81. (cancelled).

82. (currently amended) The container of claim 68, wherein the bottom component is configured to attach ~~adapted for attachment~~ to the pressure vessel head using structures on the pressure vessel head configured to attach ~~adapted for attachment~~ of the head to the pressure vessel.

83. (currently amended) The container of claim 69, wherein the bottom component comprises bosses configured for attachment to structures on the pressure vessel head configured to attach ~~adapted for attachment~~ of the head to the pressure vessel.

84. (currently amended) The container of claim 68, comprising at least one secondary shield configured ~~adapted~~ for disposition adjacent to an inside or outside surface of a portion of the container.

85. (currently amended) The container of claim 84, wherein the at least one secondary shield comprises a cylindrical component configured ~~adapted~~ for disposition adjacent to an inner or outer surface of a cylindrical portion of the container.

86 - 87. (cancelled).

88. (currently amended) A packaged radioactive nuclear reactor pressure vessel head, comprising:

- a radioactive nuclear reactor pressure vessel head comprising a head-to-body joint flange and at least a portion of at least one connected control rod drive mechanism;
- a bottom component attached to the head-to-body joint flange and providing containment for at least a portion of an inner surface of the pressure vessel head;
- at least one cylindrical component attached to the pressure vessel head and providing containment for the at least a portion of the at least one connected control rod drive mechanism.

89. (currently amended) The packaged radioactive nuclear reactor pressure vessel head package of claim 88, wherein a portion of the reactor pressure vessel head is left exposed.

90. (currently amended) The packaged radioactive nuclear reactor pressure vessel head package of claim 89, wherein the exposed portion of the reactor pressure vessel head

comprises a portion of the head-to-body flange.

91. (currently amended) The packaged radioactive nuclear reactor pressure vessel head container of claim 88, comprising a top component configured to attach ~~adapted for attachment~~ to the at least one cylindrical section.

92. (currently amended) The packaged radioactive nuclear reactor pressure vessel head container of claim 88, wherein the bottom component is configured to attach ~~adapted for attachment~~ to the pressure vessel head using structures on the pressure vessel head configured to attach ~~adapted for attachment~~ of the head to the pressure vessel.

93. (currently amended) The packaged radioactive nuclear reactor pressure vessel head container of claim 92, wherein the bottom component comprises bosses configured for attachment to structures on the pressure vessel head configured to attach ~~adapted for attachment~~ of the head to the pressure vessel.